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WHAT IS CLAIMED IS:

1. A method of forming a coated substrate which comprises providing a plasma polymer coating containing residual unpolymerized polymerizable functional groups on a substrate, applying a radiation curable composition to the plasma polymer-coated substrate, wherein the radiation curable composition comprises at least one component with forms a reaction product with the residual unpolymerized polymerizable functional groups when radiation is applied, and radiation curing the radiation curable composition.

- 2. A method of forming a coated substrate according to claim 1, wherein the radiation curable composition is a radiation curable gravure ink.
- 3. A method of forming a coated substrate according to claim 1, wherein the radiation curable composition is a radiation curable flexographic ink.
- 4. A method of forming a coated substrate according to claim 1, wherein the radiation curable composition is a radiation curable lithographic ink.
- 5. A method of forming a coated substrate according to claim 1, wherein the radiation curable composition is a radiation curable ink comprising a colorant composition and a radiation curable liquid vehicle.
- 6. A method of forming a coated substrate according to claim 1, wherein the radiation curable vehicle comprises an alpha, beta-ethylenically unsaturated compound.
- 7. A method of forming a coated substrate according to claim 6, wherein the alpha, beta-ethylenically unsaturated compound comprises a (meth)acrylate.

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8. A method of forming a coated substrate according to claim 1, wherein the plasma polymer coating comprises a polymerized epoxide or (meth)acrylate.

- 9. A method of forming a coated substrate according to claim 1, further comprising forming said plasma polymer coating.
- 10. A method of forming a coated substrate according to claim 1, wherein said curing is electron beam curing.
- 11. A method of forming a coated substrate according to claim 1, wherein said curing is UV curing.
- 12. A coated substrate comprising a substrate having a plasma polymer coating thereon and a radiation cured composition on the plasma polymer-coated substrate, wherein a portion of the plasma polymer and a portion of the radiation cured composition have formed a reaction product.
- 13. A coated substrate according to claim 12, wherein radiation cured composition is a radiation cured gravure ink.
- 14. A coated substrate according to claim 12, wherein the radiation cured composition is a radiation cured flexographic ink.
- 15. A coated substrate according to claim 12, wherein the radiation cured composition is a radiation cured lithographic ink.
- 16. A coated substrate according to claim 12, wherein the radiation cured composition is a radiation curled ink comprising a colorant and a radiation cured liquid vehicle.

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17. A coated substrate according to claim 16, wherein the vehicle comprises a polymerized (meth)acrylate.

- 18. A coated substrate according to claim 1, wherein the plasma polymer coating comprises a polymerized epoxide or (meth)acrylate.
- 19. A coated substrate according to claim 18, wherein the radiation cured composition is a radiation curled ink comprising a colorant and a radiation cured liquid vehicle.
- 20. A coated substrate according to claim 19, wherein the vehicle comprises a polymerized (meth)acrylate.